

19971127.qrp v00\_n922.qrs.971127

Date: Thu, 27 Nov 1997 19:03:07 EST  
From: qrp-l@Lehigh.EDU  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: QRP-L digest 922

QRP-L Digest 922

Topics covered in this issue include:

- 1) [31383] Re: Powder Coated Base Polishing  
by "Tim Ahrens" <tahrens@inetport.com>
- 2) [31383] Fox Rick, KA80KH - One strong hard working fox!  
by kb9iua@juno.com (Kevin L Anderson)
- 3) [31384] FOX: Not strong at my QTH, but there  
by Roger Hightower <n7kt@dancris.com>
- 4) [31385] FOX: Early Christmas Gift  
by Joe Gervais <vole@primenet.com>
- 5) [31386] Re: [CW] ZUT The meaning  
by "Phillip S. Rutledge" <rut@mcrut.mv.com>
- 6) [31387] Need mobile whip!  
by Goemans <jgoemans@facstaff.wisc.edu>
- 7) [31388] I got the FOX w/one shot!  
by "Jim Francoeur KC1FB" <jim\_kc1fb@pipeline.com>
- 8) [31389] Re: TurkeyFox  
by "Rich Dailey, KA80KH" <ka8okh@som-uky.campus.mci.net>
- 9) [31390] Turkey Fox Hunt  
by David Bixler <qrp@netins.net>
- 10) [31391] FS: SIERRA, other QRP  
by Paul Curtis <pccurtis@flash.net>
- 11) [31392] Re: battery packs  
by John Horton <jhorton@primenet.com>
- 12) [31393] Re: Polishing brass parts  
by John Horton <jhorton@primenet.com>
- 13) [31394] Not QRP, but...  
by "Emory R. Schley" <ERSchley@worldnet.att.net>
- 14) [31395] Turkey Fox Hunt  
by "John C. Anderson" <af9t@cp.duluth.mn.us>
- 15) [31396] Re: Vertical vs. Dipole  
by Adrian Weiss <aweiss@sunflowr.usd.edu>
- 16) [31397] Re: OP-AMPS  
by W7LS <w7ls@blarg.net>
- 17) [31398] Jewler's Rouge  
by w\_hill@ns.net (Ward Hill)
- 18) [31399] Re-Citing Two Classics of HB RX building  
by MNHopkins@aol.com
- 19) [31400] Regen RX bibliography

- by MNHopkins@aol.com
- 20) [31400] Heil Pro Headset with IC-706  
by Bob Patten <n4bp@shadow.net>
  - 21) [31401] Happy TNX-giving  
by "Steve Hurst" <shurst@magiclink.com>
  - 22) [31402] In memoriam WA6IVC, SK  
by Jon Iza <iapizloj@bicc00.bi.ehu.es>
  - 23) [31403] Re: Paddle wiring  
by John Bates <batesjw@netspace.net.au>
  - 24) [31404] Geochron on your PC  
by bagardn <bagardn@ibm.net>
  - 25) [31404] Re: Paddle wiring  
by John Bates <batesjw@netspace.net.au>
  - 26) [31405] CQ WW CW Contest  
by Rogerio Gonzaga <gonzaga@med.up.pt>
  - 27) [31406] Re: Vertical vs. Dipole  
by "david's" <elim@ime.net>
  - 28) [31406] Tnx multiband rig ideas  
by Scottae4vq@aol.com
  - 29) [31407] Ques on Filters for Receivers  
by "W2MY & W2MBY" <n2mnn@spacegate.com>
  - 30) [31408] 2N4372 ?  
by Bigbob97@aol.com
  - 31) [31409] Re: Ques on Filters for Receivers  
by george fremin iii <geoiii@bga.com>
  - 32) [31410] Turkey day beacon 40 meters  
by beacon\_wb8ygg@juno.com (Bradley S. Mitchell)
  - 33) [31411] Re: Ideas for multiband rig  
by DYARNES@aol.com
  - 34) [31412] Soundcard Programs  
by d.nordquest@juno.com
  - 35) [31413] Argonaut tech info (redux)  
by "(Parker) j@parker.reno.nv.us" <Pparker@greatbasin.net>
  - 36) [31414] Re: OP-AMPS  
by WB0NZM@aol.com
  - 37) [31415] Quickies are coming to NJQRP  
by Joseph Everhart <n2cx@voicenet.com>
  - 38) [31416] Re: Ques on Filters for Receivers  
by Chris Trask <ctrask@primenet.com>
  - 39) [31417] Re: Regen RX philosophy  
by K5BDZ <K5BDZ@aol.com>
  - 40) [31418] What's your favorite straight key?  
by "Rick LaBanca" <rickl@loa.com>
  - 41) [31419] Re: Regen RX philosophy  
by Stanley Wilson <microres@crl.com>
  - 42) [31420] Re: Ques on Filters for Receivers  
by Stanley Wilson <microres@crl.com>
  - 43) [31421] Re: WHAT EVER HAPPENED TO BROWN BROTHERS PADDLES?

- by "Bob Duckworth" <wb4mnf@atl.org>
- 44) [31422] RE: Vertical vs. Dipole (& SLR's)  
by David Gauding <david.gauding@bbs.galilei.com>
- 45) [31423] Re: Rodents ate my linear!  
by K5BDZ@aol.com
- 46) [31424] Pixie2 Circuit Board Creation!  
by "Robert H. Sorge" <rsorge@phoenix.net>
- 47) [31425] Heil Pro boomset with TS-50  
by "Marty Watt" <mdwatt@usit.net>
- 48) [31426] RE: Vertical vs. Dipole  
by Larry Cruise <larry.cruise@mci.com>
- 49) [31427] Re: Ques on Filters for Receivers  
by Chris Trask <ctrask@primenet.com>
- 50) [31427] RE: Vertical vs. Dipole  
by "(Parker) j@parker.reno.nv.us" <Pparker@greatbasin.net>
- 51) [31428] Re: Ques on Filters for Receivers  
by Vic Rosenthal <rakefet@rakefet.com>
- 52) [31429] SPRAT Reprints  
by "Bill Kelsey - N8ET - Kanga US" <kanga@mail.bright.net>
- 53) [31430] Re: KA80KH Fox  
by Bob Tellefsen-CNSE97 <Bob\_Tellefsen-CNSE97@email.mot.com>
- 54) [31431] A heartfelt plea  
by David Ackrill <g0dja@zetnet.co.uk>
- 55) [31432] Re: Vertical vs. Dipole (& SLR's)  
by K5BDZ@aol.com
- 56) [31433] CQWW /qrp -VE7  
by Paul Erickson <paul1@wizard.ucsfu.ca>
- 57) [31434] Foxhunt Beginner  
by WA4DAI@aol.com
- 58) [31435] DVM's  
by "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
- 59) [31436] Tnxgiving and Christmas shopping  
by Nils Bull <NilsBull@aol.com>

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Date: Wed, 26 Nov 1997 18:26:59 -0600  
From: "Tim Ahrens" <tahrens@inetport.com>  
To: <we6w@qsl.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [31383] Re: Powder Coated Base Polishing  
Message-ID: <199711270034.SAA27162@admin.inetport.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

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> From: Ed Loranger <we6w@qsl.net>

The absolutely very best, and very  
> affordable finish for a car is "Nu Finish Car Polish".  
>

Well, I've had a little trouble with it Ed... I tried to polish  
up the base that I used the wrinkle finish on... gee, it took  
forever & lots of 'wax-on-wax-off' elbow grease to fill in all  
those wrinkles... hmmm, mebbe I oughta try on my face?!

hehe

cuall

Tim W5FN

-----  
Date: Wed, 26 Nov 1997 20:57:19 EST  
From: kb9iua@juno.com (Kevin L Anderson)  
To: qrp-1@Lehigh.EDU  
Subject: [31383] Fox Rick, KA80KH - One strong hard working fox!  
Message-ID: <19971126.080031.7855.1.kb9iua@juno.com>

Worked Rich about ten minutes ago (0140). One strong  
signal around 7043 (I have an analog dial). Steady stream  
of callers, but Rich is picking them off fast and easy.  
He has one good ear! This is the closest I've come to  
wishing I had a paddle/keyer combo, as my straight key  
was getting too tiring with needing to call so fast and  
quick each time. Good job, Fox! Cheers/72. Kevin

\*\*\*\*\*  
Kevin Anderson, KB9IUA, Rock Island IL USA  
kb9iua@juno.com or Kevin.L.Anderson@usace.army.mil  
\*\*\*\*\*

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Date: Wed, 26 Nov 1997 19:22:58 +0000  
From: Roger Hightower <n7kt@dancris.com>  
To: qrp-1@Lehigh.EDU  
Subject: [31384] FOX: Not strong at my QTH, but there  
Message-ID: <347C7712.49E3E894@dancris.com>

MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hear KA80KH fairly well....about a 439, but hard to pick anything out of the crowd.

A suggestion: There are still a lot of folks sending their calls 3,4 or more times. It just raises the QRM level. Back off a bit...if the propagation is good enough for the Fox to hear, he'll hear your first call. Any more than that isn't good practice.

--

72/73, de Roger, N7KT  
AK-QRP 167, ARCI 8946, CQC 176, GQRP 9081, NE-QRP 383, NORCAL 1099,  
QRP-L 62

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Date: Wed, 26 Nov 1997 19:34:36 -0700 (MST)  
From: Joe Gervais <vole@primenet.com>  
To: qrp-l@Lehigh.EDU  
Subject: [31385] FOX: Early Christmas Gift  
Message-ID: <199711270234.TAA21267@usr04.primenet.com>

Howdy Folks,

Many hearty thank-you's to Rich, the KY Fox tonight. I have \*no\* idea how he managed to pull my signal out of that sorry mess called 40m tonight. :-) Rich, you may be a Fox but you've got the ears of a bat! Just a whisper of a sig here, and sent all my info 3 times 'cuz you vanished and I was \*sure\* that if you needed a fill I'd never hear you. Sorry if that slowed you down, OM.

But Rich is not just a Fox pelt for me, he's also my first 2xQRP KY station - WAHOO! Just one tiny little ol' state left for 2xQRP WAS!

Neat present. And minus an hour of so of stress trying to hear you, it didn't cost me a dime. :)

Still wondering if you really sent my call or if I'd entered a delusional trance from concentrating on QRN all night. ;-)

Happy Turkey Day to all! I'll be away from email for a few days,  
but will catch up when I'm allowed near a computer.

Remember - the sweet potatoes *\*must\** have that golden brown  
layer of little bitty marshmallows on them. Anything else is  
heresy. :)

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"If it ain't fun, you ain't doin' it right!" -The AZ ScQRPions

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Date: Wed, 26 Nov 1997 21:36:22 -0500 (EST)  
From: "Phillip S. Rutledge" <rut@mcrut.mv.com>  
To: qrp-1@Lehigh.EDU  
Subject: [31386] Re: [CW] ZUT The meaning  
Message-ID: <199711270236.VAA09996@mercury.mv.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 01:38 PM 11/26/97 EST, you wrote:

>  
>  
>Nathan C. Tart, Jr. AC4GT  
>Southeastern Radiosport Assn KF4FHC  
>1010 # 68463  
>Charleston Hts., SC  
>  
>OK I was a Navy Radioman and did not know that about  
>ZUT... I was going to say anything about this thread..

I have a cousin who was a shipboard radioman in the Coast Guard during the  
early fifties, and he never heard of this ZUT business. I'm beginning to  
think it's somebody's fantasy! :-)

73--Phil (K1HS)

-----  
Date: Wed, 26 Nov 1997 20:40:30 -0600  
From: Goemans <jgoemans@facstaff.wisc.edu>

To: qrp-1@Lehigh.EDU  
Subject: [31387] Need mobile whip!  
Message-ID: <199711270238.UAA67160@mail11.doit.wisc.edu>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi all,

Well, WA9PWP/m has reappeared. I need to complete my "set" of Ten Tec mobile whips, need a 30 mtr model. Does anyone have one to spare?

Yes Valor, Hamstik, et al make 30 mtr mobile whips, the Ten Tec is similar, but I want all the ants to be in the same happy "family" when I cram them in my mobile ant case ( a fishing rod carrying case).

72, Paul

Paul R Goemans WA9PWP  
1508 Sundt Lane  
Stoughton, Wi. 53589-1069 608-877-4151  
QRP ARCI 7291 NorCal 1226 QRP-L 127 FISTS 2153

-----  
Date: Wed, 26 Nov 1997 22:05:00 -0500  
From: "Jim Francoeur KC1FB" <jim\_kc1fb@pipeline.com>  
To: "QRP-L" <qrp-1@Lehigh.EDU>  
Subject: [31388] I got the FOX w/one shot!  
Message-ID: <199711270305.WAA17389@camel14.mindspring.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

I can hardly believe it, but I just got Rich, KA8OKH in KY with my first call. Had a devil of a time finding him, but when I finally heard him call CQ I jumped in and he came right back....never happened before. Rich has got to have very good ears.

I hope I tuned the antenna up better this time and the old ARGO 509 didn't embarrass me and chirp! Or maybe my chirp is distinctive?????

72/73,

Jim Francoeur KC1FB/qrp QRP-L #29

-----  
Date: Thu, 27 Nov 1997 03:14:10 -0500  
From: "Rich Dailey, KA8OKH" <ka8okh@som-uky.campus.mci.net>  
To: qrp-l@Lehigh.EDU  
Subject: [31389] Re: TurkeyFox  
Message-ID: <3.0.16.19971127031400.2f972cb6@som-uky.campus.mci.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Whew! That was interesting. More to follow this weekend.

Happy Thanksgiving to all from KA8OKH & KB4NPI !!

-----  
Rich Dailey, KA8OKH <ka8okh@som-uky.campus.mci.net>  
The KA8OKH / KB4NPI Web - <http://www.qsl.net/ka8okh>  
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-----  
Date: Wed, 26 Nov 1997 22:27:42 -0800  
From: David Bixler <qrp@netins.net>  
To: QRP-L Low Power Amateur Radio Discussion <QRP-L@Lehigh.EDU>  
Subject: [31390] Turkey Fox Hunt  
Message-ID: <347D12DD.1DC4FE57@netins.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I sure wish to complement Rich KA8OKH tonight. He is one sharp operator! Tonight's pileup was about the fiercest I've heard on the Fox Hunts. Sounded more like 7005 when a BY station was on the air.

I got to the rig about 5 minutes into the hunt, and found Rich right away. Let fly with a single call and he came right back. Truly amazing that he can pull a single call out of that mess!

Brad's article in QST must be having results and bringing out the hunters. I believe that we QRP'ers are really making progress on converting the masses.



Great job Rich. Looking forward to seeing your log.

72,

Dave Bixler W0CH QRP: Minimum power, maximum fun!  
Seneca, MO QRP-L 618

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Date: Wed, 26 Nov 1997 22:39:44 -0500  
From: Paul Curtis <pccurtis@flash.net>  
To: qrp-l@Lehigh.EDU  
Subject: [31391] FS: SIERRA, other QRP  
Message-ID: <347CEB7E.2B50@flash.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Some of my extra QRP stuff for sale:

NorCal Sierra with:  
80,40,30,20,15 modules,  
10M module unbuilt, plus 2 other band module PC board kits.  
No other options. Exc. Cond. - \$325

Unbuilt A&A Engineering 30M XCVR - Cost \$159 - Sell for \$105.

Paul Curtis, KE8VI  
pccurtis@flash.net  
QRP-L #1285, MI-QRP #1599

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Date: Wed, 26 Nov 1997 21:07:05 -0700  
From: John Horton <jhorton@primenet.com>  
To: CLESKIE@um-f1.umd.umich.edu  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [31392] Re: battery packs  
Message-ID: <347CF1E9.27481B50@primenet.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi, At COMDEX last week I saw some commercial battery packs

for laptops that were rated at 12 volts @ 4.8 AmpHours and by first or second quarter next year the company said that they were going to offer a 10 Amphour battery. I think that it had Duracell on it. It was a smart battery and had an led display for the energy level and they said the 4.8 AmpHour retailed for \$90 for the smart battery and about 75 for the DUMB battery. The package looked like 1 cell deep, 4 cells wide and about 4 long. I don't think that it weighted more than a pound. Thats not a bad price for that kind of capacity. That 4.8 Ahr should last the whole weekend unless your very a heavy user or you have a current hog for a transmitter.

The company is to send me lititure soon. I need to get with AT & T and buy some time. A fourty eight hour day would do nicely, thank you.

-----  
Date: Wed, 26 Nov 1997 21:13:37 -0700  
From: John Horton <jhorton@primenet.com>  
To: qrp-1@Lehigh.EDU  
Subject: [31393] Re: Polishing brass parts  
Message-ID: <347CF371.639CE5C9@primenet.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi y'all,

I wounder if baking soda would work for polishing, it is very fine.  
Also tooth paste if I remember correctly. Well any way the Key would not get any cavities with tooth paste. That 4.8 should last the whole weekend unless your very a heavy user.  
John KE7CW

-----  
Date: Thu, 27 Nov 1997 00:34:47 -0500  
From: "Emory R. Schley" <ERSchley@worldnet.att.net>  
To: qrp-1@Lehigh.EDU  
Subject: [31394] Not QRP, but...  
Message-ID: <347D0677.A5C@worldnet.att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Say Fellas;

Forgive me, this is not about QRP, but there are some pretty sharp guys (and GALS) on this list, and I'm hoping one or more of them can satisfy my curiosity.

I work for a newspaper, and in going through the morgue (old issues), I came upon a story about a US Embassy building being constructed in Moscow (back during the days of the USSR and the Cold War) and the Russian workers had apparently "planted" thousands of diodes inside the blocks and mortar making up the walls. The story said this was done in an attempt to facilitate future eavesdropping on conversations inside the Embassy by the KGB. Maybe I'm missing something obvious here, but I don't see how diodes inside the walls could help people outside the building eavesdrop on conversations inside.

Does anyone know? This is driving me batty!

Thanks, and please pardon the bandwidth.

73, Emory N4LP

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=====
|                                     EL88WX - 10-10 # 49984 - QRP-L #425                                     |
|                                     +-+ +-+                                     |
|      ERSchley@worldnet.att.net      OR      ERSchley@cyberdude.com      |
|                                     +-+ +-+                                     |
|                                     Emory R. Schley - N4LP                                     |
|=====
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Date: Wed, 26 Nov 1997 23:05:39 -0600 (CST)  
From: "John C. Anderson" <af9t@cp.duluth.mn.us>  
To: qrp-l@Lehigh.EDU  
Subject: [31395] Turkey Fox Hunt  
Message-ID: <199711270505.XAA02650@superior.computerpro.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Bands sure were great tonight. I ran up to the KR0B station tonight get things ready for CQWW contest this weekend and listen for the fox. Managed to work KA80KH

on the first call. He was 579 at 0100z and peaked at 599+10 at 0115z. Many midwest hunters were 599 and even heard K0EVZ in the southern end of MN.

I always like to do some dxing before contest weekend to work some of the stations shaking cobwebs from antenna and stations. Managed to catch P40R and T48RCT on 20 meter cw at 0200z. Nice to see solar flux at 108 and 20 meters open 2 hours after local sunset. Even 10 meters was open to SE USA.. Called many cq's on 28.060 but only response was CBer on SSB. Went down to 14060 and had nice chat with W0RT/qrp in Kansas.

Gud luck to those in cqww and Happy Thanksgiving. 72 John AF9T/0

-----  
Date: Wed, 26 Nov 1997 23:32:48 -0600 (CST)  
From: Adrian Weiss <aweiss@sunflowr.usd.edu>  
To: k5zty@juno.com  
Cc: qrp-1@Lehigh.EDU  
Subject: [31396] Re: Vertical vs. Dipole  
Message-ID: <Pine.SOL.3.94.971126231959.8256B-100000@sunburst>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Bill: Tnx for adding your \$.02 to the discussion -- well taken points.

> There was an article in the latest issue of QRPP  
> about cutting tuned radials in a neat little roll up package for use on  
> ground mounted verticals. These articles are misleading and are part of  
> the reason that people have bad experiences with vertical antennas.  
>

I think that the whole misconception began back in the sixties when commercial verticals began appearing with ad hype -- these frequently equated a few "tuned radials" with the key to the success of the mfr's antenna in working DX. I put up my first vertical precisely cutting the four radials, one for each band. I knew nothing about theory at the time, so it sounded like a "natural" truth.

> I hope Adrian's excellent article here points up the error of these tuned  
> radial ideas to some who may be contemplating wasting time measuring and  
> cutting and tuning radials for ground mounted verticals. It would be  
> nice if there were some way to make a shirt pocket sized radial set to go  
> with the portable vertical but there is not. Skimpy radials under a  
> vertical are the main reason that people have bad experiences with

> verticals.

Amen. There's an old axiom that applies to antennas -- "you get what you pay for" -- in this case, no radials = crappy results.

> Now, verticals that are elevated 1/4 wavelength or more are a different  
> story. Then the radials get away from the ground capacitance and become  
> a tuned part of the antenna. The antenna is now a ground plane.

>

Right. This is the fundamental difference between a ground-level vertical and one mounted at a considerable height. Maybe someone with W7EL's antenna program could run a plot on this case -- 1/4 wave above dirt, plus a varying number of radials for the specific frequency. The radiation pattern would be interesting to see. Also, relative field strength vs isotropic. Anyone computer types out there interested in doing this and reporting the results to QRP-L?

73, Ade W0RSP

> My \$.02 worth,

>

> Bill, K5ZTY

> Houston, TX

> k5zty@juno.com

>

-----  
Date: Wed, 26 Nov 1997 22:05:36 -0800  
From: W7LS <w7ls@blarg.net>  
To: jokortge@mci2000.com  
Cc: qrp-l@Lehigh.EDU  
Subject: [31397] Re: OP-AMPS  
Message-ID: <347D0DB0.2182@blarg.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi, Jim. Thanks for getting back to us on that chip. I guess <sigh...>  
I'll have to try it out. Wonder why I feel like Charlie Brown in the  
autumn when Lucie shows up with a football for me to kick? :-)

I've been burned by all the LM324 circuits that are supposed to  
work rail to (HA!) rail. And DON'T!

73 de Jim, W7LS

Jim Kortge, K8IQY wrote:

>  
> Gang - I finally got to the end of the line on the op-amp question that  
> I posted to the group. After some digging, I ordered a few  
> SGS-Thomson TS912 and some TI TLC272. Both are CMOS, and  
> advertised as rail-to-rail. They work great! The TS912 also  
> will source and sink over 75 ma. Put one in the audio stage of  
> the 17S, and it works much better than the 5532, when driving  
> a speaker. No distortion now on loud signals, so that was a good  
> move.  
>  
> So if you need an op-amp that will act as a real voltage  
> follower, with very little error, even from a single supply,  
> try one of the above. Mouser carries both parts, as do  
> others. Usual disclaimers ya da ya da ya da!  
>  
> 72 and Happy Thanksgiving to all.....Jim  
>  
> Jim Kortge, K8IQY (ex NU8N) | NorCal, QRP-L  
> jokortge@mci2000.com | \_\_o H.F. bicycle mobile  
> Fenton, MI | \_'\<, Mizuho 17/40 SSB  
> ... .. (\*)/(\*) . . . . .  
> NorCal 38S/30 Log - 34 States; 40 Countries - Running 3 watts  
> Most recent - Iowa Mauritius  
>  
> NorCal 38S/17 Log - 18 States; 32 Countries - Running 1.5 watts  
> Most recent - New Mexico S. Africa

-----  
Date: Wed, 26 Nov 1997 22:17:52 -0800  
From: w\_hill@ns.net (Ward Hill)  
To: qrp-l@Lehigh.EDU  
Subject: [31398] Jewler's Rouge  
Message-ID: <v01540b01b0a2beef1909@[207.159.15.106]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Look in the phone book under dental supplies. They have it. I was a  
dental tech for many years in a former life.

72, 73,

Ward Hill - WA6FUH  
w\_hill@ns.net Life Member ARRL 10-10 #27139 QRP-L #1117 AK/QRP #249

Engineer @

Channel 3 KCRA (NBC) &  
Channel 58 KQCA (UPN soon to be the WB), Sacramento, California

-----  
Date: Thu, 27 Nov 1997 01:23:59 -0500 (EST)  
From: MNHopkins@aol.com  
To: qrp-1@Lehigh.EDU  
Subject: [31399] Re-Citing Two Classics of HB RX building  
Message-ID: <971127012358\_1038168216@mrin41.mail.aol.com>

\*\*\*The sharp-eyed W6TOY, Bruce, points out my attribution for the series "Learning To Work with Semiconductors" did not track the original articles, although it did agree with the notation in a 4 year later anthology. The issue is who wrote with DeMaw in these 1974 efforts and I have found two of the four originals in my attic, #s 2 and 4, which convince me to amend the post as below:\*\*\*

There are two important articles which deal with building one's own receiver by a modular approach that includes first a Direct Conversion model, and later a Superhet using the DC parts.

1.) "A Progressive Communications Receiver," Hayward, W. (W7ZOI) and Lawson, J. (K5IRK), QST, Nov. 1981.

This is the oft quoted builder's article that uses the same mixer in several places. The IF is 80M and my homebrew DC for that band proudly sports the preselector from this article.

---but there was an earlier, similar article worthy of consideration:

2.) "Learning to Work With Semiconductors," DeMaw, D. (W1CER later W1FB) and McCoy, L. (W1ICP) QST, May-Sep., 1974. Also appeared in: Solid State Basics (not Design\*) for the Radio Amateur, ARRL, 1978.

This earlier series used the hacksaw method of circuit board construction. One scribes 1/2 inch squares in some PCB and glues the result to a larger board for a ground plane. It looks funny, but works well and Far Circuits is never involved. The main project is, again, a RX that starts out as a DC at 80M and then is pulled up 500 kc or so to make the LO of a 455 kc IF superhet. The preselector is rolled on a 35mm film can. It is doubtlessly the most versatile project ever showcased by ARRL and the example here, down to its wood base, works great.

\* It is important not to confuse this 1978 anthology of QST articles with Solid State Design for the Radio Amateur, ARRL, 2d ed 1986, an original work by DeMaw and Hayward that saw at least two printings and became so authoritative that even the British refer it.

73 de ab5L, michael in dallas, student of Tecraft and International (ICM) ham products and mementoes of Six Meters' Golden Age: 1957-58

Michael Hopkins

Box 226841

Dallas, TX 75222 MNHopkins@AOL.com

-----  
Date: Thu, 27 Nov 1997 01:24:13 -0500 (EST)

From: MNHopkins@aol.com

To: qrp-1@Lehigh.EDU

Subject: [31400] Regen RX bibliography

Message-ID: <971127012412\_-1037951886@mrin51.mail.aol.com>

To quote Arlo Guthrie, who is in point at Thanksgiving for his epic 15-min song Alice's Restaurant, "If just one does it, they'll think he's nuts and put him in jail; if two do it, they'll think its a conspiracy and put them both in jail; but if a whole bunch of us do it, they'll think its a Movement and let us alone." It is in that spirit, and in response to off relflector requests that I offer this beginning bibliography of articles and a book on Regenerative Receiving Technique and practice. Jump in with some more.

1. "A Regenerative Receiver for Beginners," Kitchin, C. (N1TEV), ARRL Handbook, 1995, p 17-68-71 (5 pages) This is the modern version, but see next cite.
2. "Regenerative Receivers Past and Present," same author as above, Communications Quarterly, Fall, 1995, p 7-26 (20 pages) This is a truely scholarly article that includes most of the Handbook material and much more.
3. "A 40 Meter Regenerative Receiver You Can Build," Newkirk, D. (WJ1Z), QST, Sep 1992 p 35-39 (5 pages) This is a v. tube project using two dual purpose vlaves.
4. Secrets of Homebuilt Regenerative Receivers, Rockey, C, (W9SCH) Lindsay Publications Inc., 1996, 127 pages A far-ranging work with historical and construction material.



5. "Armstong Updated," Cripe, D. (KC3ZQ), 73 Magazine, Oct. 1995 p ?  
An unexamined (yet) article just stolen from KD1JV, Steve.

73 de ab5L, michael in dallas, who could also put together a bib on Super Gainers, but that would include mostly Frank Jones who is depended on to offend modern day Ayatollas of xtal filter superhet Orthodoxy as much as he did the ARRL back when.

Michael Hopkins

Box 226841

Dallas, TX 75222 MNHopkins@AOL.com

-----  
Date: Thu, 27 Nov 1997 02:05:05 -0500 (EST)  
From: Bob Patten <n4bp@shadow.net>  
To: CQ-Contest Reflector <cq-contest@contesting.com>  
Cc: Markus Hammelmann <markus@wg104a.wh.uni-stuttgart.de>, QRP-L Reflector <qrp-1@Lehigh.EDU>  
Subject: [31400] Heil Pro Headset with IC-706  
Message-ID: <Pine.SOL.3.96.971127015425.4839E-1000000@viper>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Has anyone attempted to use the Heil Pro with the Icom 706? I cannot get the boom mic to modulate the rig. I'm using a home-made adaptor cable and definitely have the correct pins for the mic input. In fact, I can connect an ear piece on the Heil to the mic input pins, talk into it, and modulate the rig! :-)

73,

Bob Patten, N4BP

( 0 0 )

Plantation, FL

-----o00o-( )-o00-----

E-Mail: n4bp@shadow.net

Web Page: <http://www.shadow.net/~n4bp/n4bp.htm>

Brass Pounder BBS: (954) 472-7715

-----

Date: Thu, 27 Nov 1997 02:07:14 -0700  
From: "Steve Hurst" <shurst@magiclink.com>  
To: <qrp-1@Lehigh.EDU>  
Subject: [31401] Happy TNX-giving  
Message-ID: <199711270905.EAA25080@nss4.cc.Lehigh.EDU>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Gang,

Thought some of you may like this !!

Happy Thanksgiving to all.....

HOW TO COOK A THANSKGIVING TURKEY.....

- Step 1: Go buy a turkey
- Step 2: Take a drink of whiskey (scotch) OR JD
- Step 3: Put turkey in the oven
- Step 4: Take another 2 drinks of whiskey
- Step 5: Set the degree at 375 ovens
- Step 6: Take 3 more whiskeys of drink
- Step 7: Turn oven the on
- Step 8: Take 4 whisks of drinky
- Step 9: Turk the bastey
- Step 10: Whiskey another bottle of get
- Step 11: Stick a turkey in the thermometer
- Step 12: Glass yourself a pour of whiskey
- Step 13: Bake the whiskey for 4 hours
- Step 14: Take the oven out of the turkey
- Step 15: Take the oven out of the turkey
- Step 16: Floor the turkey up off of the pick

Step 17: Turk the carvey

Step 18: Get yourself another scottle of botch

Step 19: Tet the sable and pour yourself a glass of turkey

Step 20: Bless the saying, pass and eat out

Have a great Thanksgiving!!

73,

Steve Hurst

KA7NOC ( southern Idaho )

<http://www.magiclink.com/web/shurst>

[shurst@magiclink.com](mailto:shurst@magiclink.com)

-----  
Date: Thu, 27 Nov 1997 10:53:14 -0800

From: Jon Iza <iapizloj@bicc00.bi.ehu.es>

To: qrp-1@Lehigh.EDU

Subject: [31402] In memoriam WA6IVC, SK

Message-ID: <347DC199.3618@bi.ehu.es>

Mime-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Folks,

I'm catching up with past digests (207 pages of 7 point characters!!) and half thru it I read a post from Michael, AB5L about the death of Bruce Williams, WA6IVC, from MXM Industries.

Many of you know Bruce's articles on Hambrew journal, and some of you enjoy any of his kits. But I keep a letter he sent me with a very special message. I quote:

"... I spent a number of years playing pelota (we call it Jai Alai) in the Fronton in Tijuana, Mexico. This was many years ago. The professional pelotaris refused to speak English with us, so we had to learn spanish and a smattering of Basque. It's all gone now, after 50 years."

I can tell you that's an amazing coincidence. No one in his mind would thing of someone called Bruce Williams, living in Texas, and selling QRP kits to be a 'professional Jai Alai player". Not me! this is a small world..

Anyway, Bruce jauna, agur eta goian bego  
jon, ea2sn

(P.S. for those of you, except Nils who is also fluent in Basque, it  
means, Sir, good bye and be on heaven)

--

Jon Iza / Chem.& Environ. Engng. / University of the Basque Country  
Escuela de Ingenieros / Alda. Urquijo s/n / E-48013 Bilbao -Spain-  
Ph +34-4-427-8055 x2353 Fax +34-4-441-4041 Ham:ea2sn (a real qrp'er!)  
\*\* One's needs are proportional to the square of his/her incompetence \*\*

-----  
Date: Thu, 27 Nov 1997 21:14:34 +1100  
From: John Bates <batesjw@netspace.net.au>  
To: Pparker@greatbasin.net  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [31403] Re: Paddle wiring  
Message-ID: <347D480A.FD3CAB24@netspace.net.au>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Gidday Jack

Well in my experience in the Navy (20 years) I also had the finger as the dash  
and the thumb as the dots.

Makes sense when you think about it. The thumb is not the greatest implement to  
use for sending up to 5 dots at a time, etc.

Cheers

John

(Parker) j@parker.reno.nv.us wrote:

> Hummmmm...am I a righty who's been using lefty Vibroplex bugs and wiring  
> his keyer paddles the wrong way all these years?  
>  
> My paddle is wired finger/dah and thumb/dit (don't know about NorCal  
> paddles...I'm just talking generic paddle wiring)...if I had to relearn my  
> dit/dah coordination, I'd probably be inclined to dust off the old Teletype  
> Model 15 and move up the band some:>))  
>  
> 72/73  
>  
> Jack, W7PW

--

batesjw@netspace.net.au  
batesjw@southcom.com.au  
vk7rt@qsl.net

<http://www.qsl.net/vk7rt/>  
VK7RT  
CW OPS QRP Club #456

-----  
Date: Thu, 27 Nov 1997 02:24:39 -0800  
From: bagardn <bagardn@ibm.net>  
To: qrp-1@Lehigh.EDU  
Subject: [31404] Geochron on your PC  
Message-ID: <347D4A67.6CFD@ibm.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

(Had trouble sending this to the list several days ago. My apologies if this turns into a double posting.)

The recent postings about the N6RJ Second Op reminded me that there is a neat shareware program called Geoclock. It can show a Geochron-like display, plus a whole bunch of other types of maps and displays. Details too numerous to list here, but just by reading the help files I learned whole gobs of stuff about sun position, graylines, moon positions, time zones, latitude and longitude, etc. Available from

<http://www.clark.net/pub/bblake/geoclock/>

Download either the Windows or DOS version (I have DOS, smaller and advertised as running faster.), plus get the "Extra Map Files" download (which not only has more map options but also some other utilities). Once you've downloaded and expanded both (probably best in a separate directory/folder), run the Geosetup.exe. (One reason to get the "Extra" stuff first is that then Geosetup will let you set your home QTH by zip code.)

All kinds of neat info in the help section. There's even an (extra-cost) option for Hams, with all kinds of great circle, prefix data, distance and beam heading, etc. stuff. (I don't have any of the frills yet, just got the shareware off the web a few days ago.)

Dan AC6LA

-----  
Date: Thu, 27 Nov 1997 21:29:04 +1100  
From: John Bates <batesjw@netspace.net.au>  
To: Pparker@greatbasin.net, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [31404] Re: Paddle wiring  
Message-ID: <347D4B70.A421B5D8@netspace.net.au>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Giddy again Jack

sorry about last note about the paddle. Meant to say that the thumb is not to good an implement to be sending seperate DASHES and not dots.

Cleared that up for you.

Fingers are for dashes and the thumb is to hold the paddle and let the weight send the requisite number of dots.

Just to confuse you I also used another implement to send morse code and that was what we here in Aussie Navy called a "side wanker". A strip of metal between two side contacts similat to the vibroplex but each individual dash and dot had to be sent . Each character was sent alternatively by either the finger or the thumb.  
e.i. for the character C it would be       Dash finger dot thumb dash finger  
dot thumb  
etc etc.

Cheers

John

John Bates wrote:

> Giddy Jack

> Well in my experience in the Navy (20 years) I also had the finger as the dash  
> and the thumb as the dots.

> Makes sense when you think about it. The thumb is not the greatest implement to  
> use for sending up to 5 dots at a time, etc.

> Cheers

> John

>

> (Parker) j@parker.reno.nv.us wrote:

>

> > Hummmmm...am I a righty who's been using lefty Vibroplex bugs and wiring  
> > his keyer paddles the wrong way all these years?

> >

> > My paddle is wired finger/dah and thumb/dit (don't know about NorCal

> > paddles...I'm just talking generic paddle wiring)...if I had to relearn my

> > dit/dah coordination, I'd probably be inclined to dust off the old Teletype

> > Model 15 and move up the band some:>))  
> >  
> > 72/73  
> >  
> > Jack, W7PW  
>  
> --  
> batesjw@netspace.net.au  
> batesjw@southcom.com.au  
> vk7rt@qsl.net  
>  
> <http://www.qsl.net/vk7rt/>  
> VK7RT  
> CW OPS QRP Club #456

--  
batesjw@netspace.net.au  
batesjw@southcom.com.au  
vk7rt@qsl.net  
  
<http://www.qsl.net/vk7rt/>  
VK7RT  
CW OPS QRP Club #456

-----  
Date: Thu, 27 Nov 1997 12:24:05 GMT  
From: Rogerio Gonzaga <gonzaga@med.up.pt>  
To: qrp-1@Lehigh.EDU  
Subject: [31405] CQ WW CW Contest  
Message-ID: <199711271224.MAA25214@mail.med.up.pt>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi, Folks,

Unfortunately I will not be able to be in the CQ WW CW Contest, as I will leave to UK very early on Saturday.  
I hope to meet lots of yours in next great Contest...

72/73 de Roger, CT1ETT

Prof. Rogerio A. F. Gonzaga, MD, PhD  
Surgical Professor at the Faculdade de Medicina do Porto - Portugal  
Ex-Honorary Surgical Registrar at the Hammersmith Hospital - London, UK  
Member of the Portuguese College of Surgeons

Radio Amateur CT1ETT		QTH Loc IN51re
G-QRP Club # 8673	ISWL # CT-20574	QRP-L # 516
NorCal QRP Club # 2130	ARS # 268	REP # 840
	FISTS # 2878	
Email: gonzaga@med.up.pt	OR	rafg@esoterica.pt

-----  
Date: Thu, 27 Nov 1997 07:26:20 -0500  
From: "david's" <elim@ime.net>  
To: <aweiss@sunflowr.usd.edu>, "Low Power Amateur Radio Discussion" <qrp-  
l@Lehigh.EDU>  
Subject: [31406] Re: Vertical vs. Dipole  
Message-ID: <01bcfb2f\$aa8c7e20\$14c65ad1@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="us-ascii"  
Content-Transfer-Encoding: 7bit

-----Original Message-----

From: Adrian Weiss <aweiss@sunflowr.usd.edu>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Date: Thursday, November 27, 1997 12:35 AM  
Subject: Re: Vertical vs. Dipole

\*\*\*\* SNIP\*\*\*\*>>

>Right. This is the fundamental difference between a ground-level vertical  
>and one mounted at a considerable height. Maybe someone with W7EL's  
>antenna program could run a plot on this case -- 1/4 wave above dirt, plus  
>a varying number of radials for the specific frequency. The radiation  
>pattern would be interesting to see. Also, relative field strength vs  
>isotropic. Anyone computer types out there interested in doing this and  
>reporting the results to QRP-L?



>  
>73, Ade W0RSP  
>  
>  
Check out W4RNL'S Page under down to earth verticals  
url:  
<http://funnelweb.utcc.utk.edu/~cebik/gp4.html>  
aslo his home page has great deal of information to be studied.  
at  
<http://funnelweb.utcc.utk.edu/~cebik/radio.html>

have a good Thanksgiving Day all.

A little know fact about the First thanksgiving in the New World..  
Colonists on The Gift of God and Mary and John, Ships under the command of  
George Popham, proclaimed a day of Thanksgiving for "our happy meeting &  
saftte aryval into the country" on August 9, 1607.. at what is now  
Phippsburg, Maine.. ( just had to get a plug in for Maine) 1607 was 14  
years before the pilgrims landed at Plymouth and 16 years prior to the date  
that they celebrated their first thanksgiving day.

May the Lord bless you all on this day.  
73 dave Kc1di

-----  
Date: Thu, 27 Nov 1997 07:42:31 -0500 (EST)  
From: Scottae4vq@aol.com  
To: qrp-l@Lehigh.EDU  
Subject: [31406] Tnx multiband rig ideas  
Message-ID: <971127074230\_-657587355@mrin53.mail.aol.com>

Dear Group:

Thanks to all who responded to my question about multiband rigs. Most of you  
recommended the Sierra.

Happy Thanksgiving to all !!!

72's... Scott AE4VQ

-----

Date: Wed, 26 Nov 1997 18:24:41 -0500  
From: "W2MY & W2MBY" <n2mnn@spacegate.com>  
To: "QRP-L Post" <QRP-L@Lehigh.EDU>  
Subject: [31407] Ques on Filters for Receivers  
Message-ID: <0017a2510131bb7NS@spacegate.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

This is a technical question on improving commercially made receiver performance. I think everyone on this list has experienced the very difficult conditions on the Novice portion of 40 meters. Most of my operating, and my son John's, W2MBY's, operating involves listening to very weak signals at or below the noise level on this sub-band. A good receiver is a nice to have in this situation. We are using a Kenwood TS-850, which I have read has a good receiver. We have the 1800 Hz SSB and 270 Hz CW Kenwood filters installed in the 8.83 mHz IF. Believe it or not, the 1800 Hz filter is very nice for general listening for CW signals before homing in on a signal with the 270 Hz filter.

I am wondering if it would be worthwhile to purchase a 250 or 500 Hz filter for the second IF (455 kHz). The two narrow filters could be used in cascaded fashion. I know that a filter combination like this is good for contest work where all the signals are strong, but this may not be the case with weak signal work. I am afraid that since I am listening to signals in the noise, the additional attenuation of the new filter will make it harder to hear the weak signals. I am also wondering if using two cascaded filters in both IFs will cause ringing.

The cost of a 445 kHz IF filter is around \$175, so I don't want to purchase it and find out that it doesn't help isolate the desired weak signal from adjacent strong signals. The signals that I want to hear always seem to be 219, (50% copy), "in the mud".

The other alternative is the buy an audio DSP filter, but I figure the extra 2nd IF filter is still needed to reduce pumping due to the strong adjacent signals.

An option we do not have due to cost is to buy a \$3K rig with DSP "AND" crystal filters in the IF.

So if anyone out there has weak signal experience using a commercial rig with narrow filters in both IFs, we would appreciate an e-mail.

72,

Steve, W2MY

-----  
Date: Thu, 27 Nov 1997 08:36:04 -0500 (EST)  
From: Bigbob97@aol.com  
To: QRP-L@Lehigh.EDU  
Subject: [31408] 2N4372 ?  
Message-ID: <971127083604\_-523387410@mrin46.mail.aol.com>

Hi all,  
Happy Thanksgiving! Does anyone have a listing for this device? Current  
rating?  
2N4372  
Thanks, 73,  
Bob WB2DHK in Jersey City, NJ

-----  
Date: Thu, 27 Nov 1997 07:47:53 -0600 (CST)  
From: george fremin iii <geoiii@bga.com>  
To: n2mnn@spacegate.com  
Cc: qrp-l@Lehigh.EDU  
Subject: [31409] Re: Ques on Filters for Receivers  
Message-ID: <199711271347.HAA22252@zoom.bga.com>  
Content-Type: text

W2MY & W2MBY writes:

>I am wondering if it would be worthwhile to purchase a 250 or 500 Hz filter  
>for the second IF (455 kHz). The two narrow filters could be used in  
>cascaded fashion.

Yes I think it would be worthwhile to have a pair of the 50Hz filters.  
The Kenwood TS-850S has a feature called slope tuning that works  
really well when you have a pair of filters that are of similar  
bandwidth.

I know that a filter combination like this is good for  
>contest work where all the signals are strong, but this may not be the case  
>with weak signal work. I am afraid that since I am listening to signals in  
>the noise, the additional attenuation of the new filter will make it harder  
>to hear the weak signals.

:-) I wish all the signals were loud in contest work! I think that  
the people who do well in the contests are the ones that can

work the most weak stations. I use a fairly big station and MOST of the stations I work are weak. Although the pair of filters will introduce some attenuation it is easily offset by the much improved signal to noise ratio. I think that you will find that the weak signals will jump out of the noise with the narrow filters.

I am also wondering if using two cascaded  
>filters in both IFs will cause ringing.  
>

The pair of 500 Hz filters do not ring.

>The cost of a 445 kHz IF filter is around \$175, so I don't want to purchase  
>it and find out that it doesn't help isolate the desired weak signal from  
>adjacent strong signals. The signals that I want to hear always seem to be  
>219, (50% copy), "in the mud".

One thing you can do now with your current setup is to use the slope tuning controls - this might help your copy. Some signals are going to be weak and in the noise and there is just not much you can do about it.

>The other alternative is to buy an audio DSP filter, but I figure the  
>extra 2nd IF filter is still needed to reduce pumping due to the strong  
>adjacent signals.

I have never found an audio DSP filter that I really found did me much good over the long run. So far the dsp filters are good for automatic notch filters. K6STI has a DSP program that runs on a PC and I have heard it used on EME signals with very good results - but I don't see this as an option for the kind of operating I do on the HF bands.

In fact some of the best real time signal processing can be found between your ears - with practice it can do some amazing things.

I find that the 250Hz and 270Hz filters are too narrow for use most of the time. I much prefer the options I can get using the pair of 500Hz filters and the slope tuning controls. At times I even use the 2.7Hz filters for CW - esp if I am running a pileup from a DX location on one of the high bands.

On SSB I find that the 1800Hz filter is just too narrow for my ears and I usually use the 2.7Hz filters with the slope tuning controls used as needed. During the SSB SS this

year I tried a pair of 2.1Hz filters in one of the radios. I did find that the 8.83Mhz IF 2.1 filter was useful at times but that using much/any slope tuning narrowed the bandwidth down too narrow.

>An option we do not have due to cost is to buy a \$3K rig with DSP "AND" >crystal filters in the IF.

You don't need it - the Kenwood TS-850s is a very fine radio. I have had the chance to use many different rigs over the years in contests and after this fall of having the two kenwood 850s' I am very happy - I finally have a radio that does not roll over and die on the 40m cw band.

Seeya this weekend from 6D2X

--

George Fremin III  
Austin, Texas C.K.U. "Eight is enough."  
K5TR  
512/416-7010  
geoiii@bga.com  
<http://www.kkn.net/~k5tr>

-----  
Date: Thu, 27 Nov 1997 09:27:07 -0500  
From: beacon\_wb8ygg@juno.com (Bradley S. Mitchell)  
To: qrp-1@Lehigh.EDU  
Subject: [31410] Turkey day beacon 40 meters  
Message-ID: <19971127.092709.11350.1.Beacon\_WB8YGG@juno.com>

Hi Folks, bored on turkey day?  
I'll be running a fun Turkey day beacon today only.

Details:

Rig: Sierra  
Power: 350mw fixed  
Frequency: 7.0463 MHz  
Antenna: Dipole. 70 ft high on north end, 50 ft high on south end. ( cut for 80)  
Date:November 27th

Times:

1500 UTC till 0000 UTC  
This Beacon will be attended.

Please e-mail reports to this address only Beacon\_WB8YGG@juno.com

Format: EG:

Name	Callsign	Time/Date	Heard	RST	Code	Word
Brad	WB8YGG	0200Z	/10/18	349	????	
FT-747 & Vertical						

Yep, there will be a code word.. 4 letters long.  
73 , Brad WB8YGG

-----  
Date: Thu, 27 Nov 1997 09:31:02 -0500 (EST)  
From: DYARNES@aol.com  
To: ae4ic@nr.infi.net, qrp-1@Lehigh.EDU  
Subject: [31411] Re: Ideas for multiband rig  
Message-ID: <971127093101\_64426835@mrin38>

In a message dated 97-11-26 01:11:10 EST, ae4ic@nr.infi.net writes:

<< Yes, I have an idea for a good multiband QRP rig. Buy a Sierra Kit! Mine works all bands from 10M to 160M and I can change bands in less than a minute. Has a digital dial, power meter, keyer, (KC-2) RIT, Variable bandwidth filter, superhet receiver. What more can you ask for?!>>

I absolutely agree with Bob (except you can actually change bands in a LOT less than a minute--like maybe 15 seconds). The Sierra is a jewel, and what a wonderful kit to build. With the KC-2 added (a must in my opinion) you have an excellent piece of gear.

72 de David W7AQK

-----  
Date: Thu, 27 Nov 1997 09:56:05 EST  
From: d.nordquest@juno.com  
To: qrp-1@Lehigh.EDU

Subject: [31412] Soundcard Programs

Message-ID: <19971127.105622.4823.3.d.nordquest@juno.com>

Someone recently posted a list of four programs that work with soundcards. One was for an audio scope, another for spectrum analyzer, I think. Anyway, I lost the site. Would be grateful for a copy of the posting.

Thanks!

Dave KE9ED

-----  
Date: Thu, 27 Nov 1997 07:12:57 -0500

From: "(Parker) j@parker.reno.nv.us" <Pparker@greatbasin.net>

To: qrp-l@Lehigh.EDU

Subject: [31413] Argonaut tech info (redux)

Message-ID: <3.0.1.32.19971127071257.0068dc04@mail.greatbasin.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Unfortunately my last posting was in error...I was told that the Argonaut I am buying is a 509, when, in fact it is a 505. I haven't seen an Argonaut since working at AES/Milwaukee in the mid 70's, so I had no recollection of the differences, and the 505 doesn't seem to have any identifying markings/logo other than "Argonaut". Very embarrassing. (Gotta create a good keyboard generated face that's the equivalent of Homer's "doh"...I'll use it alot!)

So.....I'm still looking for tech info, but for a 505, which is what I really need this time.

I appreciate the folks who responded to the last request and am pleased to have a resource such as QRP-L available!

72/73,

Jack, W7PW

QRP-L #1310

-----  
Date: Thu, 27 Nov 1997 10:13:25 -0500 (EST)

From: WBONZM@aol.com  
To: qrp-1@Lehigh.EDU  
Subject: [31414] Re: OP-AMPS  
Message-ID: <971127101325\_195649749@mrin44.mail.aol.com>

In a message dated 97-11-27 01:12:25 EST, you write:

<< Hi, Jim. Thanks for getting back to us on that chip. I guess <sigh...>  
I'll have to try it out. Wonder why I feel like Charlie Brown in the  
autumn when Lucie shows up with a football for me to kick? :-)  
I've been burned by all the LM324 circuits that are supposed to  
work rail to (HA!) rail. And DON'T!  
73 de Jim, W7LS >>

MAXIM also makes some rail-to-rail op amps. I don't have the part numbers  
handy, but if anyone needs them, I could probably find them.

John  
Springfield, MO

-----  
Date: Thu, 27 Nov 1997 10:23:30 -0500  
From: Joseph Everhart <n2cx@voicenet.com>  
To: qrp-1@Lehigh.EDU  
Cc: njqrp@njqrp.org  
Subject: [31415] Quickies are coming to NJQRP  
Message-ID: <199711271523.KAA84142@nss4.cc.Lehigh.EDU>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Gang,

Those of you familiar with the QRP QRCI Quarterly should know of Mike WA8MCQ's  
excellent Information Exchange column. It is a wealth of information in a  
format  
that is a mix of QST's Hints and Kinks and Technical Topics. Over the years  
Mike  
has published a huge amount of material for QRP homebrewers including a  
number of  
my "Joe's Quickies" (I think the number is now in the 20's).

George Heron the NJQRP webmaster has been looking for helpful material for  
inclusion  
in the njqrp page at [www.njqrp.org](http://www.njqrp.org) and I have given him reprints of some of the  
Quickies with more to follow. Of course credit for first publication is given



to the QRP ARCI.

The December webpage update will have several of them that have circuits and circuit ideas applicable to the NORCAL 2N2222 Design competition. No rigs, but some (I hope) useful info nonetheless.

72/73,

Joe E., N2CX

>From South Jersey, y'all!

home: n2cx@voicenet.com

work: jeverhar@camden.lmco.com

-----  
Date: Thu, 27 Nov 1997 08:32:10 -0700 (MST)  
From: Chris Trask <ctrask@primenet.com>  
To: W2MY & W2MBY <n2mnn@spacegate.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [31416] Re: Ques on Filters for Receivers  
Message-ID: <Pine.BSI.3.96.971127082354.23331A-1000000@usr09.primenet.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 26 Nov 1997, W2MY & W2MBY wrote:

> I am wondering if it would be worthwhile to purchase a 250 or 500 Hz filter  
> for the second IF (455 kHz). The two narrow filters could be used in  
> cascaded fashion. I know that a filter combination like this is good for  
> contest work where all the signals are strong, but this may not be the case  
> with weak signal work. I am afraid that since I am listening to signals in  
> the noise, the additional attenuation of the new filter will make it harder  
> to hear the weak signals. I am also wondering if using two cascaded  
> filters in both IFs will cause ringing.  
>

There would be little advantage to using both filters. If you have resources for just one, I would go for the 250Hz unit. Eliminating adjacent strong adjacent signals (pumping) should be done as early as possible in the receiver, because once the intermodulation products are in the desired spectrum (signal bandwidth), there is very little you can do to eliminate them.

The signal loss will not be detrimental. Since you are decreasing the bandwidth by a factor of 7 (with a 250Hz filter), the noise power will

be reduced by 8.45dB. Compare this to the filter loss for comparison.

> The cost of a 445 kHz IF filter is around \$175, so I don't want to purchase  
> it and find out that it doesn't help isolate the desired weak signal from  
> adjacent strong signals. The signals that I want to hear always seem to be  
> 219, (50% copy), "in the mud".  
>

I might suggest that you try a Q-Multiplier first. This will greatly increase the IF "Q" (bandwidth/centre frequency) while at the same time providing additional gain. It can also be tuned over the entire width of the IF, giving you greater flexibility. You can make one yourself for less than \$12 in parts. There have been circuits published in the ARRL Handbook, as well as other places. I've made them in both hollow- and solid-state, although I no longer have any of those schematics around.

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Circuit Design for the  
RF Impaired

Chris Trask / N7ZWY  
Principal Engineer  
ATG Design Services  
P.O. Box 25240  
Tempe, Arizona 85285-5240

Technical Editor,  
QRP Quarterly  
QRP ARCI 9464

Email: [ctrask@primenet.com](mailto:ctrask@primenet.com)  
<http://www.primenet.com/~ctrask>

Graphics by Loek Frederiks

-----  
Date: Thu, 27 Nov 1997 10:45:43 EST  
From: K5BDZ <K5BDZ@aol.com>  
To: MNHopkins@aol.com, qrp-1@Lehigh.EDU  
Subject: [31417] Re: Regen RX philosophy  
Message-ID: <63acefa5.347d95aa@aol.com>  
Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7bit

Letter from Arkansas mother to her son

Dear Son

I m writing this here lettur real slow cause I know you cain t read very fast.

We don t live where we did when you left. Papa heered somebody readin the newspaper out loud and it said most accidents happen within twenty miles of home, so we moved. I won t be able to send you the address cause the last Arkansas family that lived here took the numbers off the house with them for their next house so they wouldn t have to change their address.

This heer new place has a washing machine, but it don t work too well. The first day I put four shirts in it, pulled the chain and I ain t seen em since.

It only rained twice this week. 3 days the first time and 4 days the second time.

Member that coat you wanted me to send you? Hell, Aunt Sue said it would be too heavy to send in the mail with them heavy buttons on it, so we cut them off and put them in the pockets.

Aunt Sue wants to borrry some money from us. Seems she got a letter from the funeral home. They said if she don t make the last payment on Uncle Fred s funeral bill, up he comes.

Your Sister had a baby this morning. I ain t heard if it s a boy or girl, so I don t know if you re an uncle or an aunt.

Uncle John fell in the Whiskey vat out back of Homer s barn. Some men tried to pull him out but he fought em off, so he drowned. Aunt Sally Mae had him cremated and he burned for three days.

Three of your friends went off the bridge in a pick-up. One was driving and he rolled down the window and swam to safety. Them other two was in the back and drowned. They couldn t get the tail-gate down.

Ain t much news this time. Not much goin on round here.

Love

Mama

-----  
Date: Thu, 27 Nov 1997 10:57:02 -0500

From: "Rick LaBanca" <rickl@loa.com>

To: "Qrp List" <qrp-l@Lehigh.EDU>

Subject: [31418] What's your favorite straight key?

Message-ID: <01bcfb4d\$19b0c500\$0b6d61ce@rickl.loa.com>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I am thinking of giving a key to a soon to be ham for xmas. I only have a keyer now and my old rad shack key was all I had. Any recommendations on a good one for actual use (not one of the expensive showy ones)?

Rick kaleze

-----  
Date: Thu, 27 Nov 1997 08:35:57 -0800 (PST)  
From: Stanley Wilson <microres@crl.com>  
To: K5BDZ <K5BDZ@aol.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [31419] Re: Regen RX philosophy  
Message-ID: <Pine.SUN.3.91.971127083253.23612E-100000@crl2.crl.com>  
Mime-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

My exact feelings about Regen RX.

I could not have expressed my ideas any better. Keep up the good work.  
de stan ak0b

P.S.

Bill said that the secret service would not let him put up the numbers on the new house - Said they really did not want anyone to know where he lives. But he can take them with him when he moves in the future.

-----  
Date: Thu, 27 Nov 1997 08:27:24 -0800 (PST)  
From: Stanley Wilson <microres@crl.com>  
To: Chris Trask <ctrask@primenet.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [31420] Re: Ques on Filters for Receivers  
Message-ID: <Pine.SUN.3.91.971127082528.23612B-100000@crl2.crl.com>  
Mime-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Chris,

Q-multiplier is a good solution. Wonder if there is a circuit around that we could all modify to use a 2N2222.

de stan ak0b

-----  
Date: Thu, 27 Nov 1997 12:29:33 -0000  
From: "Bob Duckworth" <wb4mnf@atl.org>  
To: <K5xu@cris.com>  
Cc: "qrp" <qrp-1@Lehigh.EDU>  
Subject: [31421] Re: WHAT EVER HAPPENED TO BROWN BROTHERS PADDLES?  
Message-ID: <199711271620.LAA21174@atl.org>

Mike-

I have one BB and am looking for the combo straight key paddle they made. It's the best feeling paddle I've ever used and is my primary key.

-bob  
wb4mnf

-----  
Date: Thu, 27 Nov 1997 10:40:40 -0600  
From: David Gauding <david.gauding@bbs.galilei.com>  
To: qrp-1@Lehigh.EDU  
Subject: [31422] RE: Vertical vs. Dipole (& SLR's)  
Message-ID: <1.5.4.32.19971127164040.00753de0@bbs.galilei.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Adrian (W0RSP) and Bill (K5ZTY),

How about reading the "St. Louis Radials" article in QRPP over carefully one time?

For others, both of you have dismissed a useful little portable antenna project out-of-hand by fixating on the question of resonant vs. non-resonant radials. Quality stuff guys! Definitely worth about .02!

The SLR's and numerous variations were tested in-the-field (a.k.a. portable) for seven months. Note it says \*in-the-field\*! I didn't run the design through a software package and then make a pronouncement!

The only reason this portable radial concept even ended up in an article is because it works!

I like to think a "build before you bitch" policy is a sensible approach to this hobby. You might consider doing so as well.

de Dave, NF0R      nf0r@slacc.com

-----  
Date: Thu, 27 Nov 1997 11:54:22 -0500 (EST)  
From: K5BDZ@aol.com  
To: gsurrency@juno.com, qrp-1@Lehigh.EDU  
Subject: [31423] Re: Rodents ate my linear!  
Message-ID: <971127115422\_1739364909@mrin83.mail.aol.com>

Gary

Loved your skunk story. Reminds me of my Grandad who chased the skunk out of the henhouse. Skunk ran one way around haystack, Grandad ran the other way.

Both met and Grandad shot him with the shotgun. Grandma wouldn't let him (grandad...not the skunk) back in the farmhouse. Made him stay outside, dig a hole, put his clothes in and burn'em, then cover it up. I think for an instant, she wanted to burn Grandad too, but it was too much trouble. So she gave him a big washtub to fill up at the windmill and he skrubbed the skunk juice-and probably two layers of skin- off with lyesoap the rest of the night.

Grandad did sleep in the barn for a couple of days after that. Also bought a rifle. Figured next time, he'd let the skunk run way out in the pasture before he's shoot him. Grandad laughed for years telling the story. Grandma never did think it was funny.

Bill, K5BDZ

-----  
Date: Thu, 27 Nov 97 11:57:33 PST  
From: "Robert H. Sorge" <rsorge@phoenix.net>

To: qrp-1@Lehigh.EDU  
Subject: [31424] Pixie2 Circuit Board Creation!  
Message-ID: <Chameleon.971127120725.rsorge@phoenix.net.phoenix.net>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I just completed the transfer of the circuit to my circuit board using the blue film method that Frank offered to the group recently. 100% success. The circuit transferred as described without a problem. I followed his instructions and used a timer. When I etched the board I used Radio Shack solution at room temperature. It took about twice as long as they recommended on the instructions. No problem though. It can be checked occasionally. If the copper is not all dissolved, just put it back in the solution. It does require agitation. I used a small shallow pan...glass and rocked it end to end to agitate. When finishing the blue film will still be on the copper. A little steel wool will take it off. Now to use the size #60 drill bit to make some holes. Hmmm how am I going to tackle this??

72 de Bob

-----  
Name: Robert H. Sorge - KC5FMZ QRP-L#910,NORCAL#793,ARCI#96033  
E-mail: rsorge@phoenix.net  
Date: 11/27/97  
Time: 11:57:33 AM  
-----

-----  
Date: Thu, 27 Nov 1997 11:13:37 -0600  
From: "Marty Watt" <mdwatt@usit.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [31425] Heil Pro boomset with TS-50  
Message-ID: <199711271713.MAA23011@transfer.usit.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

I'm looking for the mic connection pinout for the TS-50, particularly how the function keys on the hand mic operate. I have a Heil Proset I'd like to use with the radio, but need to keep the function key availability to change power levels (I hope to have one QRO, one QRP and one milliwatt setting).

Any help or thoughts?

Thanks,

72 es 73 de KM7W  
Marty Watt  
Franklin, Tennessee

e-mail: mdwatt@usit.net  
packet: km7w@kf9ug.#nin.in.usa.noam

-----  
Date: Thu, 27 Nov 1997 10:59:38 -0600  
From: Larry Cruise <larry.cruise@mci.com>  
To: "'QRP-L'" <qrp-l@Lehigh.EDU>  
Subject: [31426] RE: Vertical vs. Dipole  
Message-ID: <01BCFB23.DE231700@dpenrose.mci.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: quoted-printable

I have been following this discussion with keen interest so I guess it =  
is time for me to get on my soapbox.

-----  
From: Adrian Weiss[SMTP:aweiss@sunflowr.usd.edu]  
Sent: Wednesday, November 26, 1997 5:32 PM  
To: Low Power Amateur Radio Discussion  
Subject: Re: Vertical vs.Dipole

>I think that the whole misconception began back in the sixties when  
>commercial verticals began appearing with ad hype=20

Hype obviously works as it is going as strong as ever. :-) One of the =  
advantages of this list is you can easily find out if it is hype or not, =  
just ask.

>Amen. There's an old axiom that applies to antennas -- "you get what =  
you  
>pay for" -- in this case, no radials =3D crappy results.

Well yes, but there is a design that works reasonable well even without =  
radials. This design is a folded monopole. See the May 1979 issue of Ham =  
Radio magazine "Folded-umbrella antenna" for an interesting design. For =  
a more technical discussion see "The Amateur Radio Vertical Handbook" by =  
Paul H.Lee N6PL. Also note in the article "Vertical Antennas: New Design =  
and Construction Data" (V2 ARRL Antenna Compendium) the author notes . . =  
. "In comparing the relative field strength of a unipole, as compared =



to several folded monopoles, we found gains as high as 30% in favor of = the folded-monopole configurations."

I have been using a "Folded-umbrella" for several years now and have = been well pleased with the results. Without radials I have had excellent = results on 40 through 10 Meters. It will work on 80M, but a single = elevated 1/4 radial makes a noticeable improvement on this band. I call = mine a "Mini Folded-umbrella" as it is only 18 feet high. The original = article used a 40 foot mast. I am surprised more people haven't = discovered this antenna as it is very easy to make and when fed with = open-wire feeder is usable on all bands. Does it work, well I managed to = break the pileup to work the FOX KA80KH the other evening. Hmmm. . . Ad = hype "Our antenna is a FOX killer" :-)

Please note this antenna will work better with radials, but it appears = to work considerably better without radial than a standard vertical = without radials.

> Now, verticals that are elevated 1/4 wavelength or more are a = different  
> story. Then the radials get away from the ground capacitance and = become  
> a tuned part of the antenna. The antenna is now a ground plane.  
> =20  
>>Right. This is the fundamental difference between a ground-level = vertical  
>>and one mounted at a considerable height. Maybe someone with W7EL's  
>>antenna program could run a plot on this case -- 1/4 wave above dirt, = plus  
>>a varying number of radials for the specific frequency. The radiation  
>>pattern would be interesting to see. Also, relative field strength vs  
>>isotropic. Anyone computer types out there interested in doing this = and  
>>reporting the results to QRP-L?

This has already been done by KB8I. His article first appeared in the = August 1988 issue of QST under the title "Elevated Vertical Antenna = Systems." The article can also be found in V5 of the ARRL Antenna = Compendium as well as in the ARRL Vertical Antenna Classics .=20

Bottom line of the article "My studies on vertical monopole antennas = using the NEC-GSD computer code indicate that a radiator elevated 10 to = 20 feet above ground and having only four elevated horizontal radials = can outperform a ground-mounted monopole with 120 buried radials."

Well am I the only guy in the world using a "Folded unipole" or are =

there others out there quietly using this antenna.

OK off my soapbox and back to "The Joys of QRP."

-72 de Larry (AA5TA)

-----  
West Texas where tall trees are rare and verticals work great.  
-----

-----  
Date: Thu, 27 Nov 1997 10:30:53 -0700 (MST)  
From: Chris Trask <ctrask@primenet.com>  
To: Stanley Wilson <microres@crl.com>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [31427] Re: Ques on Filters for Receivers  
Message-ID: <Pine.BSI.3.96.971127102400.3798A-100000@usr03.primenet.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 27 Nov 1997, Stanley Wilson wrote:

> Hi Chris,  
>  
> Q-multiplier is a good solution. Wonder if there is a circuit around  
> that we could all modify to use a 2N2222.  
>

It would actually be quite simple to devise one. You start with a 455kHz (or whatever) oscillator and couple the collector of the oscillator to the collector of the IF amplifier. There's a very good circuit on p. 119 of the 1970 ARRL Handbook that can be adapted.

If anyone comes up with a working circuit, QRP Quarterly would love to publish it.

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/ extinct stuff, anyhow? /  
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Circuit Design for the  
RF Impaired  
  
Chris Trask / N7ZWY  
Principal Engineer  
ATG Design Services  
P.O. Box 25240  
Tempe, Arizona 85285-5240

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Technical Editor,  
QRP Quarterly  
QRP ARCI 9464

Email: [ctrask@primenet.com](mailto:ctrask@primenet.com)  
<http://www.primenet.com/~ctrask>

Graphics by Loek Frederiks

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Date: Thu, 27 Nov 1997 10:02:23 -0500  
From: "(Parker) j@parker.reno.nv.us" <Pparker@greatbasin.net>  
To: larry.cruise@mci.com, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [31427] RE: Vertical vs. Dipole  
Message-ID: <3.0.1.32.19971127100223.006926d8@mail.greatbasin.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 10:59 AM 11/27/97 -0600, Larry Cruise wrote:

>Well am I the only guy in the world using a "Folded unipole" or are there others out there quietly using this antenna.

Vertical monopole/folded unipole antennas have been used for years by AM broadcast stations. I worked for one in Florida (where the ground conductivity was only slightly better than plate glass) that opted for a monopole because of ground conductivity considerations. There was a radial system in place but the monopole still provided performance improvements (read that more potential listeners) than the traditional 1/4-wave vertical.

Jack, W7PW  
QRP-L #1310

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Date: Thu, 27 Nov 1997 10:26:25 -0800  
From: Vic Rosenthal <rakefet@rakefet.com>  
To: [ctrask@primenet.com](mailto:ctrask@primenet.com)  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [31428] Re: Ques on Filters for Receivers  
Message-ID: <347DBB51.F662A3BD@rakefet.com>

MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Chris Trask wrote:

>  
> On Wed, 26 Nov 1997, W2MY & W2MBY wrote:  
>  
> > I am wondering if it would be worthwhile to purchase a 250 or 500 Hz  
> filter  
> > for the second IF (455 kHz). The two narrow filters could be used  
> in  
> > cascaded fashion.

< snip>

>       There would be little advantage to using both filters.

I emphatically disagree! The TS850s has what they call 'slope tuning', which allows you to in effect move the bandpasses of the filters relative to each other. That lets you adjust the bandwidth down to less than 100 Hz, and believe me, this makes a big difference on s/n ratio for weak signals. If you can, go for the two filters (two @ 500 Hz recommended).

Vic K2VCO

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Date: Thu, 27 Nov 1997 18:32:12 -5  
From: "Bill Kelsey - N8ET - Kanga US" <kanga@mail.bright.net>  
To: qrp-l@Lehigh.EDU, gqrp-l@blacksheep.org  
Subject: [31429] SPRAT Reprints  
Message-ID: <199711271836.NAA23226@sparticus.bright.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

After announcing at Dayton this past spring that I would be producing reprints of all the back issues of SPRAT, I wound up having a crazy summer at work, and nothing got accomplished on the reprint project. This past week I finally had some time to start on the project - it is moving ahead, and this coming week I will have finalized the details.

I am getting quotes on a couple different ways of producing the reprints. The first is in the same manner the Milliwatt and QQ reprints were done - about 100 sheets with lightweight covers and

plastic "finger" binding. I am also looking into a tape binding for about 100 sheets per "volume", and also the use of a three ring binder with close to 200 sheets per "volume". I will try to select the lowest cost option. My "cost analysis" will also include factoring in shipping costs. I have recently been using Priority Mail to ship several different books, and have found that to work quite well - I use envelopes provided by the post office, and can ship up to 2 pounds for \$3 - that works out to about 170 pages per shipment - I could do the first 20 issues in the first volume. I should have the quotes from the printers on Tuesday and will post the cost of the initial offering on QRP-L and GQRP-L.

A few interesting facts I have learned while working on this project:

Total pages printed for the first 92 issues of SPRAT = 2801

The first 19 issues were printed on sheets of paper and stapled together at the corner - Issue 20 was the first to come out in the present small magazine format.

There were two issue number 10's printed. The next issue was number 11/12, and there was no number 13.

The first issue was 8 pages long. The print process used to produce the first issue does not copy well, and the copy is extremely difficult to read. The circuit diagrams reproduced ok - there were three in the first issue, and issue 2 had a correction for one of the articles in issue 1!

G8PG had two antenna articles in issue 2 - he is still writing in issue 92! (G3RJV is of course in ALL of the issues!)

W9SCH had an article in issue 3 - and he is still producing copy for many QRP journals!

The first cost of membership was 1.25 UK pounds (\$2.13 at the current exchange rate).

I have spent about 4 hours at a copy machine getting single sheets ready for the printer - I am not quite half done with the copying....

Further details on pricing, availability, and ordering will be posted this coming week - about Wednesday I hope! I still have the list from Dayton of about 25 people who expressed an interest in the reprints. I expect I will be taking orders up front as the printing of the first run is being done so I can determine how large a production run I need to do. Pricing is quite dependent on the size

of the production run.

Please don't send me e-mail (yet) asking me to reserve a copy - I will get pricing and then ask for orders next week....

more details to follow....

73 - Bill - N8ET  
Kanga US  
kanga@mail.bright.net  
<http://www.bright.net/~kanga/>  
419-423-4604

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Date: Thu, 27 Nov 1997 12:57:00 -0600  
From: Bob Tellefsen-CNSE97 <Bob\_Tellefsen-CNSE97@email.mot.com>  
To: qrp-1@Lehigh.EDU  
Subject: [31430] Re: KA80KH Fox  
Message-ID: <M2296524.011.bmqtg.1.971127201126Z.CC-MAIL\*/OU=LMPCC4/OU=ILBB/PRMD=MOT/ADMD=MOT/C=US/@MHS>

Nice job, Rich. Couldn't get on the air until 0200 UTC, but once I found the howling mob, didn't take long to find you underneath it.

01' Kenwood let out with a few might barks, and we had you in the log. With the active pack and such loud signals, I didn't expect to catch you so quickly.

I was amazed at the strength of some of the signals. I had to cut back to fast AGC, as the receiver was taking too long to recover after a blast from some of the hunters.

Had to run after working you, as the family was holding dinner for me. Did manage to copy some calls besides the loud ones--K5OI, N7VE, W5FN, AB7TT, N6MM, W6ZH, NQ7X, NT3U, ?5WWW, WA9PWP and AB7MY.

Great job, Rich. Hope you had as much fun as we did.

72, Bob N6WG and 01' Kenwood

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Date: Wed, 26 Nov 1997 10:55:28 GMT  
From: David Ackrill <g0dja@zetnet.co.uk>  
To: qrp-1@Lehigh.EDU  
Subject: [31431] A heartfelt plea

Message-ID: <1997112610552883290@zetnet.co.uk>

Please, I appreciate that people are rightly proud of their finished projects and want people to be able to understand some new way of achieving some QRP end, but can people hold back on sending pictures to the whole group?

1. They usually don't get to me in one piece, so I can't decode them anyway and;
2. They take up a lot of space on the screen to scroll past (my viewer puts it all on the same page!)

My suggestion would be to say something like "I have a nice picture of the paddle/rig/antenna system, please email me if you want a copy".

I know that this might mean sending several copies out instead of one, but the one in the digest yesterday really screwed up my viewer system.

Thanks a lot.

de Dave (G0DJJA)

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Date: Thu, 27 Nov 1997 16:08:48 -0500 (EST)  
From: K5BDZ@aol.com  
To: david.gauding@bbs.galilei.com, qrp-1@Lehigh.EDU  
Subject: [31432] Re: Vertical vs. Dipole (& SLR's)  
Message-ID: <971127160848\_2119516223@mrin40.mail.aol.com>

Good point Dave.

One of my early Elmers (W5YLG, deceased) once told me, "Bill, the reason your experimental projects work is that you build them and try them. Others will tell you they won't work, and for them, they're right too, because they never build and try!"

Can't hit a home run unless you swing at the ball !!!!!

The SLR is a home run Dave. Congrats to you and all others who made it possible!!!!

Bill, K5BDZ

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Date: Thu, 27 Nov 97 14:08:59 PST  
From: Paul Erickson <paul1@wizard.ucs.sfu.ca>  
To: qrp-1@Lehigh.EDU (qrp)  
Subject: [31433] CQWW /qrp -VE7  
Message-ID: <9711272208.AA15718@wizard.ucs.sfu.ca>

Good luck to all on the list who will be in the CQWW this weekend. If you hear VE7CFD, give me a shout. Dave is allowing me to use his station for the test. I will be s/p most of the time, but plan to run with two rigs, so listen for the weak cq's around the qrp calling frequencies.

cheers, Paul  
VE7CQK  
email: paul1@wizard.ucs.sfu.ca

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Date: Thu, 27 Nov 1997 18:04:31 -0500 (EST)  
From: WA4DAI@aol.com  
To: qrp-1@Lehigh.EDU  
Subject: [31434] Foxhunt Beginner  
Message-ID: <971127180430\_-1960873353@mrin85.mail.aol.com>

Hello to everyone:

Last evening was my first fox hunt! Having just found this group. Really enjoyed it and finally caught KA80KH who had a really great s9 plus signal here in Virginia.

Am running an Omni VI at 4 watts into a pair of phased verticals with raised radials about 12 feet off the ground with ground rod and radials on the ground under the raised radials .. seems to work pretty good. My other rig is a NORCAL 40A and I really enjoy it when traveling! Thanks to KA80KH for a great job and lots of fun.

See you in the pileups this weekend for CQWW.

72, A. C. WA4DAI

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Date: Thu, 27 Nov 1997 17:23:27 -0600 (CST)  
From: "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [31435] DVM's



Message-ID: <Pine.OSF.3.96.971127171923.17104A-100000@duke.usask.ca>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I am continuing to look at various options buying DVMs. I have some questions:

1. One of the DVM's I looked at measured capacitance up to 500 uF. Is that enough or will I be sorry later.
2. Most inexpensive multimeters don't measure inductance. Is this feature not useful or is it just too hard to implement?
3. One of the meters offered a PC interface. (It is about \$100 Cdn. more than another one I was looking at.) Is this really useful (ie. enough to warrant the extra price)?

Thanks again for everyone's help.

Brian.

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+-----+
| Brian Buydens,          Computing Services, University of Saskatchewan |
| email: Brian.Buydens@usask.ca      http://duke.usask.ca/~buydens |
| VE5RDV                                |
|                                     |
| DO NOT ADD ME TO ANY MAILING LISTS WITHOUT MY CONSENT !!!          |
+-----+
| De beste schippers staan aan wal!                                     |
+-----+
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Date: Thu, 27 Nov 1997 18:56:02 EST  
From: Nils Bull <NilsBull@aol.com>  
To: QRP-L@Lehigh.EDU  
Subject: [31436] Tnxgiving and Christmas shopping  
Message-ID: <701ba6f4.347e0895@aol.com>  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit

Gang,

Ok, I survived. Cindy chased me around the yard for a couple minutes with the hatchet that I usually keep sharpened up to do the slash & burn on stuff that I have blown up more times than I can repair. Then we got in the car, drove

over to Columbus and made a wreck of Cindy's brother's house, kitchen, living room &c.

But I got asked a couple times what I wanted for Christmas. I said "I'll give you some web pages to check out."

A few of this bunch have been to the SGC page and come back with reports, awed, blown-away or just plain wonderin'. Me too. I looked at the box and the fixin' s and thought "Damn, it looks like they're building it for some wacko Eskimo-Peruvian Liberation Front army or something!" I mean, did you check out the metal work on the innards? Or how about them top and bottom covers?

I've seen the other SGC stuff at Dayton and have always wondered what kind of person would get a radio that you can drop into liquid nitrogen. I wouldn't. Better to sit down and eat some decent arroz con habichuelas and platanos fritos. And una cerveza "Corona" at least. The radio stuff can wait.

Still, the SGC whatever (2020? 2022? 20-20 vision? I'm having hallucinations and you want supervision?) does look pretty nice. For battleship designs. (And I liked the part about "1.8 through 30 MHz for export." Like I'm gonna get on some frequency above 29.7 and make coke deals with people swimming in from the gulf or something! Yeah, right. Let Ollie do it.) And the price was bit of biter, ne? \$600 I ain't got layin' around in the petty cash drawer, see?

And I keep checking in at the EleCraft site every so often to see if there's been an update. I remember that there was once a bit of chatter about the proposed price of what Wayne & Eric are workin on. If anyone can give me a close guestimated figure on the price that was chattered, I'd appreciate knowing what it was. Gotta have some sense of reality here, Christmas shoppin' startin' tomorrow and all (so the statistics always say, right after Thanksgiving day).

And the microphone is extra. Some people! I spent \$35 on a beautiful paddle kit and now I gotta buy a \$60 microphone? I don't think so.

So, how'd the rest of you turkeys fare? Fat unto the point of passing out? Bloated to the point of a tottering drunken stupor?

My oldest showed up late, following my brother-in-law's directions. But he ate good. I haven't seen that kid (hell, he's 22 and makes more 'n me and only slightly shy of what Cindy gets paid) in about 6 months. Never knew how much I missed havin' him around to talk with. My family's a blessing. Like my friends . . . here and elsewhere.

Now, is there any more of that mince meat pie left? Where's the whip cream? Where's the butter? Ok, where's the whiskey?

Nils

WB8IJJ &c

. . . and Ian told me about some no-code techs with whom he works. . . classic stuff . . . HTs hangin' off belts like 6-guns . . . and how they think that his ancient, used-purchase SGI machine is a "boatanchor." Yeah, he said they called it a "boat anchor." Welcome to the 21st Century, hijo mio. Bienvenido. (I gave him K5FO's email address and told him to mention badgers and otters a couple times just to show that he really was my son. . . .or did I just reveal the secret code? Ok, where's that whip cream?)

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End of QRP-L Digest 922

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